### WOODLAND MANAGEMENT AND PRODUCTIVITY

## (Only the soils suitable for production of commercial trees are listed)

		Management concerns					Potential produ	ty		
Map symbol and soil name   (% of map unit)	  Ordi-  nation  symbol 	Erosion		  Seedling  mortal-   ity	   Wind-   throw   hazard	   Plant  competi-   tion	Common trees		  Volume  of wood   fiber	  Suggested trees   to plant
								———— 	m3/ha	
  201:   AQUIC EUTROCRYEPTS (45%)	     2D	    Moderate	    Moderate	    Moderate	    Moderate	    Moderate	    black spruce	   	   	
   TANACROSS (40%)	   1W	Severe	  Severe	Severe	  Moderate	  Moderate	  black spruce	 	 	
   wet soils without   permafrost (10%)	   	   	   	   	   	   	   	   	   	   
  202:   AQUIC EUTROCRYEPTS (55%)	     	     	     	     	     	     	  black spruce  tamarack  white spruce		     	   
TYPIC CRYAQUEPTS (30%)	   	   	   	   	   	   	    black spruce  tamarack	 	   	
   short steep channel   sideslopes (5%)	   	   	   	   	   	   	   	   	   	
drier soils on high spots (2%)	   	   	   	   	   	   	    	   	   	
  203:   AQUIC CRYOFLUVENTS (60%)   	     2A   	  Slight     	  Moderate       	    Slight     	  Moderate     	    Slight     	balsam poplar black spruce paper birch tamarack white spruce	   	         2	   
TYPIC CRYAQUENTS (25%)	   	   	   	   	   	 	 	   	   	

		Management concerns					Potential prod	uctivit	ty	
Map symbol and soil name   (% of map unit) 		Erosion	Equip-   ment  limita-   tion	  Seedling  mortal-   ity	   Wind-   throw   hazard	   Plant  competi-   tion	Common trees		  Volume  of wood   fiber	  Suggested trees   to plant
		    Slight   	    Slight   	    Slight   	    Moderate   	    Slight   	balsam poplar black spruce paper birch quaking aspen white spruce	   	m3/ha	
  204:   BEALES (60%)	   2R 	  Severe     	    Moderate       	  Severe     	  Severe     	  Slight     	  balsam poplar  black spruce  paper birch  quaking aspen  white spruce	   	         2	     
LUPINE (30%)	   2D   	  Slight     	  Slight       	  Slight     	  Moderate       	  Slight     	balsam poplar black spruce paper birch quaking aspen white spruce	   	         2	
wetter soils in   depressions (10%)   	<b></b> -	   	   	   	   	   		     	   	
CRYOFLUVENTS (85%)		   	 	   			 	 	   	
frequently flooded areas		   	   	   	   		   		   	
rarely flooded areas	 	   	   	   	   	   	   	   	   	
  206:   CRYOFLUVENTS (90%)     	   2A   	    Slight     	    Slight     	    Slight     	    Moderate       	  Slight     	  balsam poplar  black spruce  paper birch  white spruce	 	     	

		Management concerns					Potential produ	ty		
Map symbol and soil name (% of map unit)		Erosion hazard	Equip-   ment  limita-   tion	  Seedling  mortal-   ity	   Wind-   throw   hazard	   Plant  competi-   tion	Common trees		  Volume  of wood   fiber	  Suggested trees   to plant
	 				————————————————————————————————————			 	m3/ha	
ccasionally flooded areas (5%)	   	   	   	   	   	   		   	   	   
wetter soils in   depressions (5%)	   	   	   	   	   	   	   	   	   	 
207:   DONNELLY (85%)	     	    Slight 	    Severe 	    Moderate 	    Moderate   	    Slight   	black spruce   quaking aspen  white spruce	i	     	
flooded areas (5%)							 			
208:   GERSTLE (85%)	     2A 	    Slight 	    Slight   	    Slight 	    Moderate   	    Slight 	black spruce  quaking aspen  white spruce	i	       2	   
thick silty soils (5%)	 	 		 	 			 	 	
   Jarvis (3%)  	   2A 	  Slight 	  Slight 	  Slight   	  Moderate   	  Slight 	  paper birch  quaking aspen  white spruce	60	   2   4   2	  white spruce   
Salchaket (3%)    	   2A     	  Slight     	  Slight     	  Slight     	  Moderate       	  Slight     	balsam poplar  black spruce  paper birch  quaking aspen  white spruce	   	         2	     
Beales (2%)    	   2R       	  Severe     	  Moderate       	  Severe       	  Severe       	  Slight       	balsam poplar  black spruce  paper birch  quaking aspen  white spruce	   	         2	

			Manag	ement cond	cerns		Potential produ	uctivit	ty	
1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	ı	Erosion hazard	Equip-   ment  limita-   tion	  Seedling  mortal-   ity	Wind- throw hazard	   Plant  competi-   tion	Common trees		  Volume  of wood   fiber	  Suggested trees   to plant 
   short steep channel   sideslopes (2%)	   		   	   				   	m3/ha	   
  209:   TYPIC HISTOTURBELS (60%)   	     1W   	  Severe   	  Severe   	  Severe   	  Severe 	  Severe   	  black spruce   paper birch   white spruce		   	   
HISTOSOLS (30%)								 		
  210:   HISTOSOLS (45%)	   	   					   	   	   	   
LISCUM (40%)	   	   	   			   	  black spruce  tamarack		   	   
   Jarvis (5%)  	   2A 	  Slight   	  Slight   	  Slight 	  Moderate   	  Slight   	paper birch	60	2   2   4   2	  white spruce   
wet soils with permafrost (5%)	   	   	   			   	 	   	   	
drier soils on high spots (2%)	   	   	   	   		   	   	   	   	   
  211:   IKSGIZA (85%)     wetter soils in   depressions (5%)	 	    Severe   	    Severe   	  Severe   	  Moderate   	    Moderate   	    black spruce   		     	   

			Manag	ement con	cerns		Potential produ	activit	ty	
Map symbol and soil name (% of map unit)		Erosion hazard	Equip-   ment  limita-   tion	  Seedling  mortal-   ity	   Wind-   throw   hazard	   Plant  competi-   tion	Common trees		  Volume  of wood   fiber	  Suggested trees   to plant 
  212:   JARVIS (85%)	   2D 	Slight	    Slight	Slight	      Moderate   	      Slight   	balsam poplar black spruce paper birch quaking aspen white spruce	   	m3/ha	    white spruce 
   Chena (5%)    	   1F   	Slight	  Slight   	  Severe   	  Severe 	  Slight   	balsam poplar paper birch quaking aspen white spruce	   	   	   
   Salchaket (5%)     	   2A   	Slight	  Slight     	  Slight       	  Moderate     	  Slight     	balsam poplar  black spruce  paper birch  quaking aspen  white spruce	   	         2	   
   short steep channel   sideslopes (5%)	   				   	   	   	   	   	   
   213:   JARVIS (85%)	     2A 	Slight	    Slight   	    Slight   	    Moderate   	    Slight   	paper birch	60	   2   4   2	  white spruce 
Salchaket (5%)	   2A     	Slight	  Slight     	  Slight       	  Moderate       	  Slight     	balsam poplar black spruce paper birch quaking aspen white spruce	   	         2	     
short steep channel   sideslopes (5%)	   				   	   	   	   	   	   

	[		Manage	ement con	cerns		Potential prod	uctivit	У	
Map symbol and soil name   (% of map unit)		Erosion hazard	Equip-   ment  limita-   tion	  Seedling  mortal-   ity	   Wind-   throw   hazard	   Plant  competi-   tion	Common trees	!	  Volume  of wood   fiber	Suggested trees   to plant
					———— 				m3/ha	
Chena (3%)	   1F   	  Slight     	  Slight   	  Severe   	  Severe   	  Slight     	  balsam poplar  paper birch  quaking aspen  white spruce	 	     	     
occasionally flooded areas (2%)		   	   	   	   	   	   	   		
  214:   JARVIS (50%)    	   2D     	    Slight     	  Slight       	    Slight     	    Moderate     	    Slight     	  balsam poplar   black spruce  paper birch  quaking aspen  white spruce	   	         2	  white spruce   
CHENA (35%)	   1F   	  Slight   	  Slight   	  Severe   	  Severe   	  Slight   	  balsam poplar  paper birch  quaking aspen  white spruce	 	   	 
   Beales (5%)     	   2R     	  Severe     	  Moderate       	  Severe     	  Severe     	  Slight     	balsam poplar black spruce paper birch quaking aspen white spruce	   	         2	
occasionally flooded areas (5%)		   	   	   	   	   		   		
short steep channel   sideslopes (3%)	   	   	   	   	   	   		   	 	
Salchaket (2%)    Salchaket (2%)  	   2A     	  Slight     	  Slight     	  Slight     	  Moderate       	  Slight     	balsam poplar  black spruce  paper birch  quaking aspen  white spruce	   	     	

			Manage	ement con	cerns		Potential prod	uctivit	У	
Map symbol and soil name   (% of map unit) 		Erosion	Equip-   ment  limita-   tion	  Seedling  mortal-   ity	   Wind-   throw   hazard	   Plant  competi-   tion	Common trees		  Volume  of wood   fiber	Suggested trees   to plant
   215:   KOYUKUK (85%)	     2R 	             	      Moderate   	      Slight 	      Moderate   	      Moderate   	black spruce paper birch quaking aspen white spruce	60 	m3/ha   3   2	    
   Jarvis (5%)    	   2A 	  Slight   	  Slight   	  Slight   	  Moderate   	  Slight   	  paper birch  quaking aspen  white spruce	   50   60   80	   2   4   2	  white spruce   
   slopes greater than 15   percent (5%)	   	   	   	   	   	   	   	   		   
wet soils with permafrost (5%)	   	   	   	   	   	   	   	   		
216:   LISCUM (45%)	     0W	    Severe 	    Severe 	    Severe 	    Moderate 	    Severe 	    black spruce  tamarack		   	
MOSQUITO (45%)    	   0W 	  Severe 	  Severe   	  Severe 	  Moderate   	  Severe 	  black spruce  paper birch  tamarack	i	   	     
   Histosols (5%)		 					 	 		
drier soils in higher areas (5%)	   	   	   	   	   	   		   		
217:   LUPINE (85%)	   2D     	  Slight     	  Slight     	  Slight     	  Moderate       	    Slight     	  balsam poplar  black spruce  paper birch  quaking aspen  white spruce	   	       2	         

			Manag	ement con	cerns		Potential produ	uctivi	ty	
Map symbol and soil name (% of map unit)		Erosion hazard	Equip-   ment  limita-   tion	  Seedling  mortal-   ity	   Wind-   throw   hazard	   Plant  competi-   tion	Common trees	1	  Volume  of wood   fiber	  Suggested trees   to plant 
Chena (5%)	     1F 	    Slight 	    Slight 	    Severe	    Severe 	    Slight 	balsam poplar  paper birch  quaking aspen  white spruce	 	m3/ha	
   Salchaket (5%)    -  -	   2A   	  Slight     	  Slight     	  Slight     	  Moderate     	  Slight     	balsam poplar  black spruce  paper birch  quaking aspen  white spruce	     	       2	   
short steep channel sideslopes (3%)		   	   		   	   	   	   	   	   
Jarvis (2%)	   2A   	  Slight     	  Slight     	  Slight   	  Moderate     	  Slight     	  paper birch  quaking aspen  white spruce	60	   2   4   2	  white spruce     
218: LUPINE (45%)	   2D     	  Slight     	  Slight     	  Slight   	  Moderate     	  Slight     	  balsam poplar  black spruce  paper birch  quaking aspen  white spruce	   	         2	     
   MOOSEHEAD (40%)     	   2A   	  Slight       	  Slight       	  Slight       	  Moderate       	  Slight     	balsam poplar  black spruce  paper birch  quaking aspen  white spruce	   	         2	   
   Chena (5%)     	   1F     	  Slight     	  Slight     	  Severe     	  Severe     	  Slight     	  balsam poplar  paper birch  quaking aspen  white spruce	 	     	

			Manage	ement con	cerns		Potential produ	uctivit	ty	
Map symbol and soil name (% of map unit)		Erosion hazard	Equip-   ment  limita-   tion	  Seedling  mortal-   ity	   Wind-   throw   hazard	   Plant  competi-   tion	Common trees		  Volume  of wood   fiber	  Suggested trees   to plant 
   Salchaket (5%)		    Slight   	      Slight   	    Slight   	      Moderate   	      Slight   	balsam poplar   black spruce   paper birch   quaking aspen   white spruce	   	m3/ha	
   wetter soils in   depressions (5%)	   	   	   	 	   	   	    	   	   	   
219:   MOOSEHEAD (85%)   	   2A   	  Slight     	  Slight     	  Slight     	  Moderate     	  Slight     	balsam poplar black spruce paper birch quaking aspen white spruce	   	         2	       
   Chena (5%)   	   1F   	  Slight   	  Slight   	  Severe   	  Severe   	  Slight   	  balsam poplar  paper birch  quaking aspen  white spruce	 	     	   
   Salchaket (5%)     	   2A     	  Slight     	  Slight     	  Slight     	  Moderate     	  Slight     	balsam poplar  black spruce  paper birch  quaking aspen  white spruce	   	         2	     
Beales (3%)	2R   2R   	  Severe     	  Moderate       	  Severe     	  Severe   	  Slight     	balsam poplar  black spruce	   	         2	     
   wetter soils in channels   (2%)	   	   	   	   	   	   	     	   	   	   

		Management concerns					Potential produ	ty		
Map symbol and soil name (% of map unit)		Erosion hazard	Equip-   ment  limita-   tion	  Seedling  mortal-   ity	   Wind-   throw   hazard	   Plant  competi-   tion	Common trees		  Volume  of wood   fiber	Suggested trees   to plant
  220:   MOSQUITO (90%)		Severe	    Severe	    Severe	      Moderate	    Severe	  black spruce   paper birch   tamarack	j	m3/ha	
Histosols on hummocks   (5%)					   	   		   	   	
water (3%)										
Chena (2%)    	   1F     	  Slight     	  Slight     	  Severe     	  Severe     	  Slight     	balsam poplar  paper birch  quaking aspen  white spruce	 	     	
222:   SALCHAKET (90%)  	   2A   	  Slight   	  Slight     	  Slight     	  Moderate     	  Slight     	  balsam poplar   black spruce  paper birch  quaking aspen  white spruce	   	       2	
Chena (2%)	   1F   	  Slight     	  Slight     	  Severe   	  Severe   	  Slight   	  balsam poplar  paper birch  quaking aspen  white spruce	 	     	
   Jarvis (2%)   	   2A 	  Slight 	  Slight   	  Slight 	  Moderate   	  Slight 	  paper birch  quaking aspen  white spruce	60	   2   4   2	  white spruce     
flooded soils (2%)	   	   			   	   	   	   	   	

			Manag	ement cond	cerns		Potential prod	uctivi	ty	
Map symbol and soil name   (% of map unit)	1	Erosion hazard	Equip-   ment  limita-   tion	  Seedling  mortal-   ity	   Wind-   throw   hazard	   Plant  competi-   tion	Common trees		  Volume  of wood   fiber	  Suggested trees   to plant
wet soils in channels   (2%)	   	     	     		     	     		   	m3/ha	
Gerstle (1%)   	2A   	Slight 	Slight   	Slight   	Moderate   	Slight   	black spruce quaking aspen white spruce	i	     2	   
short steep channel   sideslopes (1%)	   	 	   		   	   	   	   	   	   
  223:   TANACROSS (90%)		   	   		   	   	    black spruce	 	   	 
Mosquito (2%)  	0W   	Severe 	Severe   	Severe	Moderate   	  Severe 	black spruce   paper birch   tamarack	i	   	
  224:   TANACROSS (85%)	   	   	   		   	   	    black spruce	   	   	   
   225:   TETLIN (85%)  	   2W 	  Moderate   	  Severe 	  Moderate   	  Moderate   	  Moderate 	  black spruce  paper birch  white spruce	j	       2	   
  226:   TETLIN (85%)  	     2R 	  Severe 	    Severe 	    Moderate   	    Moderate 	    Moderate 	  black spruce  paper birch  white spruce	j	       2	   
   flooded areas (5%) 		   	   	 	   	   	   	   	   	   
227:   TYPIC EUTROCRYEPTS (90%)   	   3R   	  Severe   	  Severe   	  Slight   	  Moderate     	  Slight     	  balsam poplar  paper birch  quaking aspen  white spruce	51 	2 	   

		1	Manage	ement cond	cerns		Potential prod	uctivi	ty	
Map symbol and soil name   (% of map unit)		Erosion hazard	Equip-   ment  limita-   tion	  Seedling  mortal-   ity	   Wind-   throw   hazard	   Plant  competi-   tion	Common trees		  Volume  of wood   fiber	  Suggested trees   to plant
				<del></del>	<del></del>		 	   	   m3/ha 	
slopes less than 30   percent (3%)										
   228:   TYPIC EUTROCRYEPTS (90%)	     3R 	    Severe 	    Severe 	    Slight 	    Moderate 	    Moderate 	paper birch white spruce	     51   85	   2   3	     
  229:   TYPIC EUTROCRYEPTS (85%)	     3R 	    Severe 	    Moderate 	    Slight 	    Moderate 	    Moderate 	    paper birch  white spruce		     2   3	   
   Beales (5%)    	   2R   	  Severe   	  Moderate     	  Severe   	  Severe   	  Slight   	  balsam poplar  black spruce  paper birch  quaking aspen	 	     	   
     wet soils without   permafrost (5%)	   	   	   	   	   	   	white spruce	j	2   	   
   wetter soils with   permafrost (5%)	   	   	   	   	   	   	   	   	   	   
  230:   TYPIC EUTROCRYEPTS (50%)	     3R 	    Severe 	    Moderate 	    Slight 	    Moderate 	    Moderate 	  paper birch  white spruce		   2   3	   
TYPIC HISTOTURBELS (35%)	   1W 	  Severe 	  Severe 	  Severe 	  Severe 	  Severe 	  black spruce   paper birch   white spruce	j	   	   
slopes greater than 35   percent (5%)	   	   		   	   	   	   	   	   	   
   wet soils without   permafrost (5%)	   	   	   	   	   	   	   	   	   	   

		Management concerns				Potential productivity			 	
Map symbol and soil name (% of map unit)		Erosion hazard	Equip-   ment  limita-   tion	  Seedling  mortal-   ity	Wind- throw hazard	   Plant  competi-   tion	Common trees	!	  Volume  of wood   fiber	  Suggested trees   to plant 
	İ		i ———						m3/ha	
231: TYPIC EUTROCRYEPTS (50%)	     3R 	    Severe 	  Severe 	    Slight 	  Moderate 	    Moderate 	  paper birch   white spruce			   
TYPIC AQUORTHELS (35%)	   1R   	  Severe   	  Moderate   	  Moderate   	  Moderate   	  Slight   	black spruce paper birch white spruce	38	     1   1	   
wet soils without permafrost (5%)	   	   	   	   		   	   	   	   	   
232: VOLKMAR (85%)	     2D 	    Slight   	    Moderate   	    Slight   	  Moderate 	    Slight 	black spruce quaking aspen white spruce	j	   	  white spruce 
Chena (5%)	   1F   	  Slight     	  Slight     	  Severe   	  Severe 	  Slight     	balsam poplar paper birch quaking aspen white spruce	 	     	     
areas with rare flooding (5%)	   	   	   	   	 	   	   	   	   	   
wet soils with permafrost (5%)	   	   	   	   	   	   	   	   	 	   
233: WATER (100%)	     	     	     	     	   	     	   	     	     	     
	l	l ———	l	l		l		l ———	l	l